Data Supplement S3

Comparing Baseline Covariates in Scene Adult Trauma Patients by Transportation Status and Type of Dataset

Covariate	Original Dataset (Prior to Matching)		Matched Dataset with Caliper=0.18 (After Matching)		p-value between HT and GT		ASD* between HT and GT	
	HT n=469**	GT n=580**	HT n=353	GT n=353	Prior to Matching	After Matching	Prior to Matching	After Matching
Age ≥ 55 years, % (n)	11.3 (53)	21.9 (127)	12.7 (45)	11.0 (39)	0.000	0.486	-0.288	0.053
Male Sex, % (n)	71.2 (334)	70.5 (409)	70.8 (250)	72.0 (254)	0.582	0.739	0.015	-0.027
Prehospital Intubation,% (n)	14.5 (68)	2.1 (12)	4.5 (16)	3.4 (12)	0.000	0.440	0.461	0.056
Prehospital SBP < 90 mmHg, % (n)	12.9 (34)	5.4 (29)	9.1 (32)	7.4 (26)	0.000	0.411	0.262	0.062
Prehospital GCS Score < 14, % (n)	37.1 (126)	18.4 (96)	34.8 (123)	31.4 (111)	0.000	0.337	0.427	0.072
Prehospital RR, Abnormal, % (n)	13.1 (41)	7.4 (41)	11.0 (39)	10.2 (36)	0.005	0.714	0.189	0.026
Prehospital Pulse Rate, mean ± SD (N)	95.08 ± 20.61 (314)	91.25 ± 21.54 (557)	93.95 ± 20.21 (353)	94.15 ± 22.87 (353)	0.011	0.903	0.182	-0.013
Anatomic Triage Criteria, % (n)	25.8 (121)	18.8 (109)	21.8 (77)	22.7 (80)	0.006	0.786	0.169	-0.022
EMS Time, mean ± SD (n)	59.49 ± 22.89 (461)	68.30 ± 18.67 (555)	60.54 ± 18.79 (353)	61.45 ± 16.27 (353)	0.000	0.492	-0.422	-0.073
ISS > 15, % (n)	49.5 (231)	25.6 (148)	38.2 (135)	34.6 (122)	0.000	0.309	0.509	0.075

HT = Helicopter Transport; GT = Ground Ambulance Transport; ASD = Absolute Standardized Difference; SBP = Systolic Blood Pressure; GCS = Glasgow Coma Scale; RR = Respiratory Rate; EMS = Emergency Medical Service; ISS = Injury Severity Score.

* Absolute standardized difference values were estimated for means and categorical variables using the formulas of Austin (2011).[27]

** Missing records of each variable were omitted in computing percentages.